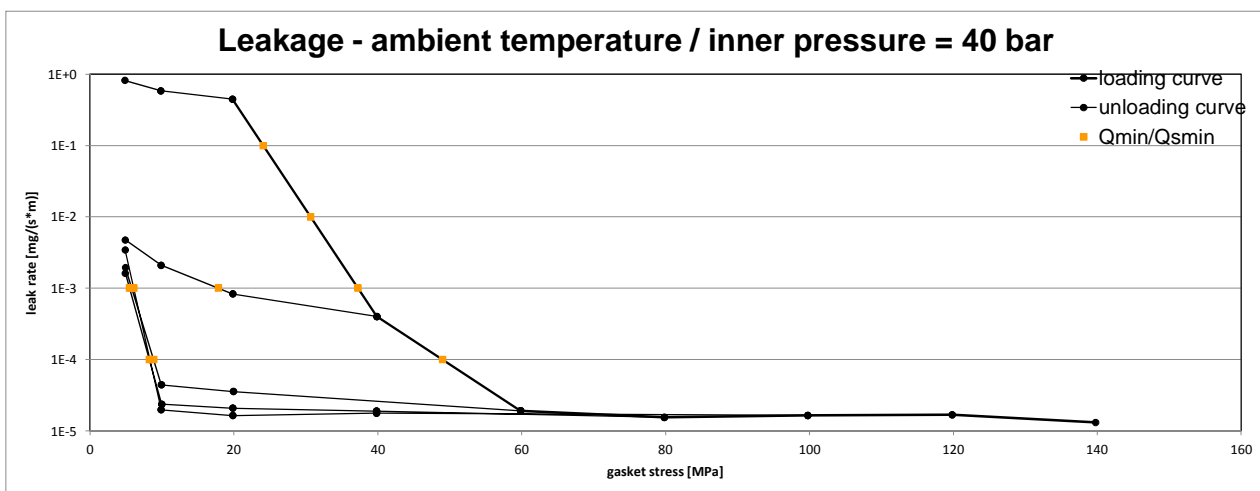


Company Address	Teadit International Produktions GmbH, Rosenheimerstraße 10, 6330 Kufstein, Austria
Gasket Type	24 SH
Sealing element dimensions [mm]	92 x 49 x 6

L [mg/(s*m)]	Q <sub>min/L</sub> [MPa]	Minimum stress to seal Q <sub>min/L</sub> (at assembly), Q <sub>Smin/L</sub> (after off-loading) for p = 40 bar									
		Q <sub>Smin/L</sub> [MPa]									
		Q <sub>A</sub> = 20 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa	Q <sub>A</sub> = 100 MPa	Q <sub>A</sub> = 120 MPa	Q <sub>A</sub> = 140 MPa			
10 <sup>0</sup>	20	5	5	5	5	5					
10 <sup>-1</sup>	24		5	5	5	5					
10 <sup>-2</sup>	31		5	5	5	5					
10 <sup>-3</sup>	37		18	6	5	6					
10 <sup>-4</sup>	49			9	8	8					
10 <sup>-5</sup>											
10 <sup>-6</sup>											
10 <sup>-7</sup>											
10 <sup>-8</sup>											



Note: the content of darkened cells was not determined respectively is unnecessary      Rev - No: 2      Creation date of this sheet: 23.02.2012

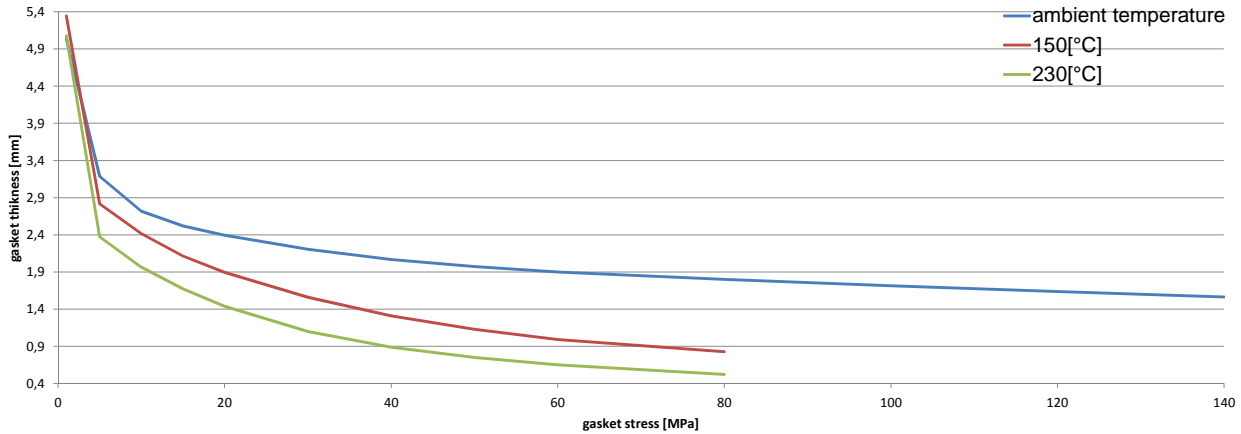
Company Address	Teadit International Produktions GmbH, Rosenheimerstraße 10, 6330 Kufstein, Austria
Gasket Type	24 SH
Sealing element dimensions [mm]	92 x 49 x 6

Relaxation ratio P <sub>QR</sub> for stiffness C = 500 kN/mm					
Gasket stress [MPa]	ambient temperature	temperature 1 [150 °C]	temperature 2 [230 °C]		
Stress level 1 [30 MPa]	0,78	0,34	0,24		
PQR at Q <sub>Smax</sub>	0,84 at 150 MPa	0,27 at 90 MPa	0,22 at 90 MPa		

Maximal applicable gasket stress Q <sub>Smax</sub>					
Q <sub>Smax</sub> [MPa] ambient temperature	Q <sub>Smax</sub> [MPa] – temperature 1 [150 °C]	Q <sub>Smax</sub> [MPa] – temperature 2 [230 °C]			
150	90	90			

Sekant unloading modulus of the gasket E <sub>G</sub> [MPa] and gasket thickness e <sub>G</sub> [mm]							
Gasket stress [MPa]	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]		
	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]	E <sub>G</sub> [MPa]	e <sub>G</sub> [mm]	
0		6,050		6,110		6,120	
1		5,037		5,344		5,077	
5	124	3,189	97	2,818	125	2,375	
10	321	2,720	239	2,415	255	1,963	
15	578	2,519	443	2,114	439	1,671	
20	867	2,396	681	1,897	670	1,438	
30	1540	2,207	1200	1,558	1065	1,098	
40	2180	2,068	1613	1,310	1296	0,887	
50	2684	1,972	1964	1,128	1476	0,750	
60	3054	1,898	2244	0,993	1647	0,649	
80	3892	1,801	3043	0,829	1914	0,524	
100	4312	1,713					
120	4568	1,636					
140	5456	1,564					

**Gasket thickness e<sub>G</sub>**



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